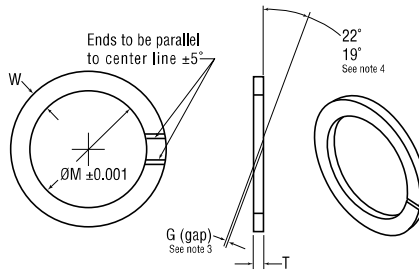




# Back-Up Rings

Single Turn

(MS28774)



**Notes:**

1. All dimensions are in inches
2. Surfaces shall be smooth and free from irregularities, Edges shall be clear and sharp.
3. Scarf cut: Placing Back-Up Ring over mandrel of Ø M ±0.001 scarf cut gap shall not exceed dimension G and no overlap of the scarf ends is permitted beyond dimension T.
4. Direction of scarf cut is optional, Exceptions to scarf cut angle:

Dash No.	-004	-006	-006	-007
Angle	35° - 39°	30° - 33°	27° - 30°	23° - 26°

5. For use in standard grooves conforming to MIL-G-5514 and MIL-P-53514C, D and E revisions.

DASH NO.	ØM	T	W	G
-004	0.109			
-005	0.124			
-006	0.140			
-007	0.171			
-008	0.202			
-009	0.234			
-010	0.265			
-011	0.327			
-012	0.390			
-013	0.455			
-014	0.518	0.052 0.045	0.054 0.052	0.005 0.000
-015	0.580			
-016	0.643			
-017	0.705			
-018	0.768			
-019	0.830			
-020	0.898			
-021	0.960			
-022	1.023			
-023	1.085			
-024	1.148			

DASH NO.	ØM	T	W	G
-025	1.210			
-026	1.273	0.052	0.054	0.005
-027	1.335	0.045	0.052	0.000
-028	1.398			
-110	0.390			
-111	0.452			
-112	0.515			
-113	0.577			
-114	0.640			
-115	0.702			
-116	0.765			
-117	0.832			
-118	0.895	0.052 0.045	0.087 0.085	0.006 0.000
-119	0.957			
-120	1.020			
-121	1.082			
-122	1.145			
-123	1.207			
-124	1.270			
-125	1.332			
-126	1.397			

DASH NO.	ØM	T	W	G
-127	1.459			
-128	1.522			
-129	1.584			
-130	1.647			
-131	1.709			
-132	1.772			
-133	1.834			
-134	1.897			
-135	1.959			
-136	2.022			
-137	2.084	0.052 0.045	0.087 0.085	0.006 0.000
-138	2.147			
-139	2.209			
-140	2.258			
-141*	2.320			
-142*	2.383			
-143*	2.445			
-144	2.508			
-145	2.570			
-146	2.633			
-147	2.685			

# Back-Up Rings

Single Turn

DASH NO.	ØM	T	W	G	DASH NO.	ØM	T	W	G	DASH NO.	ØM	T	W	G
-148	2.758	0.052	0.087	0.006	-242	4.006				-428	4.926			
-149	2.820	0.045	0.085	0.000	-243	4.131				-429	5.051			
<b>-210</b>	0.766				-244	4.256	0.052	0.120	0.007	-430	5.176			
-211	0.828				-245	4.381	0.045	0.118	0.000	-431	5.301			
-212	0.891				-246	4.506				-432	5.426			
-213	0.953				-247	4.631				-433	5.551			
-214	1.016				<b>-325</b>	1.513				-434	5.676			
-215	1.078				-326	1.638				-435	5.801			
-216	1.141			0.006	-327	1.763				-436	5.926			
-217	1.203			0.000	-328	1.888				-437	6.051			
-218	1.266				-329	2.013				-438	6.274			0.008
-219	1.334				-330	2.138				-439	6.524			0.000
-220	1.397				-331	2.268				-440	6.774			
-221	1.459				-332	2.393				-441	7.024			
-222	1.522				-333	2.518				-442	7.274			
-223	1.647				-334	2.643				-443	7.524			
-224	1.772				-335	2.768				-444	7.774	0.110	0.237	
<b>-225</b>	1.897	0.052	0.120		-336	2.893				-445	8.024	0.100	0.235	
-226	2.022	0.045	0.118		-337	3.018	0.075	0.184	0.007	-446	8.524			
-227	2.147				-338	3.143	0.065	0.182	0.000	-447	9.024			
-228	2.272				-339	3.273				-448	9.524			
-229	2.397				-340	3.398				-449	10.024			
-230	2.522				-341	3.523				<b>-450</b>	10.524			
-231	2.631				-342	3.648				-451	11.024			
-232	2.756			0.007	-343	3.773				-452	11.524			
-233	2.881			0.000	-344	3.898				-453	12.024			
-234	3.006				-345	4.028				-454	12.524			
-235	3.131				-346	4.153				-455	13.024			0.010
-236	3.256				-347	4.278				-456	13.524			0.000
-237	3.381				-348	4.403				-457	14.024			
-238	3.506				-349	4.528				-458	14.524			
-239	3.631				<b>-425</b>	4.551				-459	15.024			
-240	3.756				-426	4.676	0.110	0.237	0.008	-460	15.524			
-241	3.881				-427	4.801	0.100	0.235	0.000					



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